

Amendments to the Specification

Please replace the paragraph [0006] at page 2, with the following rewritten paragraph:

[0006] On the other hand, ~~in a mechanical lash adjuster, there are no such~~ does not have ~~the problems encountered in hydraulic lash adjusters and, and mechanical lash adjusters~~ are extremely advantageous. But since female threads with which a male thread member is brought into engagement are formed on the inner periphery of a tubular lifter body having a bottom, it is necessary to provide a relief for a tool at the closed end of the lifter body in tapping the female threads. This increases the axial length of the lifter body and thus increases the size of the lash adjuster.

Please replace the paragraph [0008] beginning at page 2, with the following rewritten paragraph:

[0008] An object of this invention is to provide an arm type valve gear in which a mechanical lash adjuster is mounted between an arm and a valve stem, and ~~compactness of the axial length of in which~~ the lash adjuster is compact in its axial length and ~~its lightness light in weight are achieved,~~ and wherein wear at the contact portion with the valve stem is suppressed.

Please replace the paragraph [0013] at page 4, with the following rewritten paragraph:

[0013] Further, since the lash adjuster is of such a structure that the adjuster screw is in threaded engagement with the nut member received in the engaging hole, compared with the arrangement in which the adjuster screw is brought into threaded engagement with female threads formed on the inner periphery of the engaging hole, it is possible to reduce the axial length and ~~lightness in and the~~ weight.

Please replace the paragraph [0015] beginning at page 4, with the following rewritten paragraph:

[0015] In this ball joint, ~~as the ball,~~ by using, as the ball, a ball for a ball bearing, which is easily available and high in accuracy, it is possible to reduce the cost.

Please replace the paragraph [0017] beginning at page 5, with the following rewritten paragraph:

[0017] Other features and objects of the present invention will become apparent from the following description made with reference to the accompanying drawings, in which:

Fig. 1 is a vertical sectional front view of an embodiment of ~~the~~ an arm type valve gear according to this invention;

Fig. 2 is a vertical sectional side view of ~~the~~ a swing arm shown in Fig. 1;

Fig. 3 is a vertical sectional side view of the swing arm shown in Fig. 1 at ~~the~~ a contact portion between ~~the~~ a cam and ~~the~~ a roller;

Fig. 4 is an enlarged sectional view of ~~the~~ a portion where ~~the~~ a lash adjuster shown in Fig. 2 is mounted; and

Fig. 5 is a sectional view along line V-V of Fig. 4.

Please replace the paragraph [0018] at page 7, with the following rewritten paragraph:

[0018] Below, the embodiment of this invention will be described with reference to the drawings. Fig. 1 shows a swing arm type valve gear adapted to simultaneously open and close two valves. The swing arm 1 is supported so as to be pivotable about a support shaft 2 shown in Fig. 2. ~~The~~ A swing arm 1 has a cutout portion 3 formed at its pivoting end. A roller 5 is rotatably supported by a roller pin 4 having its both ends supported by both side walls of the cutout portion 3.

Please replace the paragraph [0020] at page 7, with the following rewritten paragraph:

[0020] Each of the two valve stems 8 is slidably inserted in a guide hole 11 formed in the cylinder head 10. Each valve stem 8 has a spring retainer 12 at its top end, and the valve stems 8 are biased by the valve springs 13 in such a direction that the valves 9 close.

Please replace the paragraph [0023] at page 8, with the following rewritten paragraph:

[0023] The nut members 21 are formed by plasticizing. Female threads 25 formed on the inner periphery thereof are in threaded engagement with male threads 26 formed on the outer periphery of the adjuster screw 22.

Please replace the paragraph [0024] at page 8, with the following rewritten paragraph:

[0024] The female ~~threads 25~~ threads 25 of the nut member 21 and the male threads 26 of the adjuster screws 22 are serration-shaped so that the pressure flanks 27, which receive axial push-in load applied to the adjuster screw 22 from the valve stem 8, are greater in flank angle than the clearance flanks 28. The serration-shaped threads have such a lead angle that due to pressing of the elastic body 23, the adjuster screw 22 moves axially rotating.

Please replace the paragraph [0025] at page 8, with the following rewritten paragraph:

[0025] A spring washer 29 is pressed on the outer periphery of the nut member 21 at its top. The elastic body 23, which is a coil spring, is mounted between an end plate having a hole and provided on the top of the spring washer 29 and the top end of the adjuster screw 22. In order to ensure the mounting space for the elastic body 23, the spring washer 29 is in the shape of a

stepped tube having a small-diameter tubular portion 30 which is inserted in ~~the~~a small-diameter hole portion 14a of the engaging hole 14.

Please replace the paragraph [0034] at page 9, with the following rewritten paragraph:

[0034] The arm type valve gear shown in the embodiment has the above structure. When the camshaft 6 rotates and the roller 5 is pushed down by ~~the~~a protrusion 7a of the cam 7, the swing arm 1 pivots downward, so that the two valve stems 8 are pushed down simultaneously through the lash adjusters 20, so that the valves 9 open.

Please replace the paragraph [0035] at page 10, with the following rewritten paragraph:

[0035] When the cam 7 rotates and ~~the~~a base circle 7b contacts the roller 5, due to the elasticity of the valve springs 13, the valve stems 8 will rise, so that the valves 9 close.

Please replace the paragraph [0045] beginning at page 11, with the following rewritten paragraph:

[0045] Further, the lash adjusters are of such a structure that the nut members are received in the engaging holes and the ball joints are mounted between the respective adjuster screws and the valve stems, so that they have a small number of parts and are simple. Thus, it is possible to ~~achieve short axial length of~~make the lash adjusters short in axial length and ~~lightness~~light in weight, so that it is possible to reduce the cost.